

IN THE SPECIFICATION:

Please amend paragraph 38 as follows. A clean copy and a marked-up copy are provided.

[0038] (Marked-up Copy) The displacement distance of the regulator body 41 is controlled by the number of turns made to the screw 44 via the nut 45. Accordingly, by adjusting the opening of the regulator body 41 with the screw 44, the required flow rate is set. Specifically, controlling the distance of displacement of the regulator body 41 serves to increase and/or decrease the flow area at the flow path between the inlet channel 13 and the chamber 12. Moreover, a feature for limiting the movement of the regulator body 41 is provided by way of first stop means 50 located on the adjustment nut 46 and second stop means 51 located on the regulator body 41. First stop means 50 is situated between a space or gap created by the main body 46a and the lower portion 46b of the adjustment nut 46 and serves to abut or otherwise rest on a portion of the housing 11. Second stop means 51 is situated between a distal upper end portion of the regulator body 41 and a washer 52 and may abut or otherwise rest on another portion of the housing 11. Hence, the first stop means 50 and the second stop means 51 combine to limit the distance from which the regulator body 41 adjustably extends towards the chamber 12. The distance of displacement may be determined manually by measuring the distance between the first stop means 50 and the second stop means 51. Accordingly, the adjustment of the flow area serves to determine the rate of flow of the liquid product L as well as the volume of liquid product L drawn into the chamber 12. While the product flow regulator 40 is shown to be manually actuated using the screw 45 and adjustment nut 46 arrangement, such adjustment may be performed electronically using any electronic actuator known in the art. Such alternative actuators may include a pneumatic actuator, an electromagnetic actuator or the like.